



ENVIRONMENTAL  
IMPACT STATEMENT

# Transit Design Features

## Draft Environmental Impact Statement | 2.3

The Mountain View Corridor (MVC) Environmental Impact Statement (EIS) includes two transit alternatives on 5600 West. Both MVC transit alternatives use alignments on 5600 West, but operate differently, as described and shown in the accompanying drawings.

### Dedicated Right-of-Way or Mixed-Traffic

The MVC transit system will function one of two ways: Dedicated Right-of-Way or Mixed-Traffic. For the Dedicated Right-of-Way Transit Option, transit vehicles would operate alone in their own lanes in the center of the roadway and street traffic would use general-purpose lanes adjacent to the transit. The station locations would be in the center of the roadway (see illustration below). The Mixed-Traffic Transit Option would consist of transit vehicles sharing the outside lanes of 5600 West with street traffic in each direction of travel. At station locations, transit vehicles would exit the shared lane to the right, and then merge back into the shared lane after leaving the station.

### Preferred Alternative

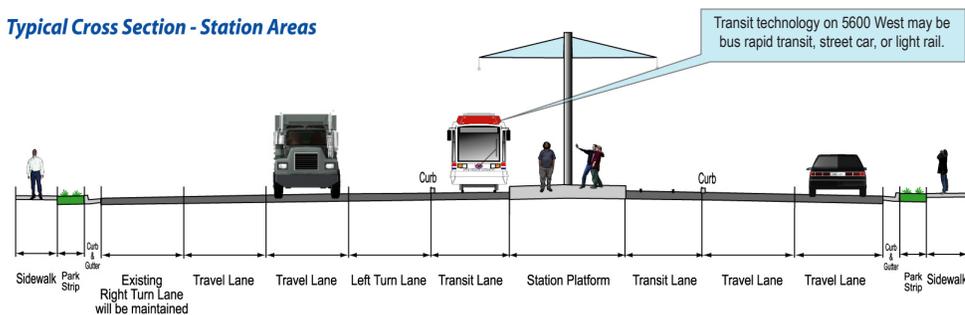
The Utah Transit Authority has selected the Dedicated Right-of-Way Option as their preferred transit alternative based on operational characteristics, environmental impacts, and the alternative's ability to meet the project's purpose.

### Technology/Vehicle Types

The MVC transit alternatives are considered high capacity transit and a variety of transit technologies could be utilized. Potential vehicle types appropriate for use on 5600 West include a rubber-tire system such as Bus Rapid Transit or a rail system such as street car or light rail. However, no technology has been selected at this time.

## Dedicated Right-of-Way Transit Option

### Typical Cross Section - Station Areas



Please see Chapter 2 of the Draft EIS for more detailed information.

### FAQs

#### What's happening with transit in Utah County?

Bus Rapid Transit, which includes buses operating in their own right-of-way, was studied as a potential transit alternative in Utah County. However, projections indicated that ridership would not be high enough to justify construction of such a system. However, there may be an opportunity to identify a future transit corridor for preservation.

#### What other transit is being planned and constructed?

In addition to the new FrontRunner commuter rail system that is under construction from Weber County to Salt Lake, the recent sales tax increase lays the foundation for 70 new miles of rail transit in 7 years. This includes the expansion of Commuter Rail from Salt Lake to Provo and four new TRAX Light Rail lines: the airport line, West Valley City line, mid-Jordan line and the Draper extension. An expansion and revamping of UTA's multimodal services, including traditional bus services and new Bus Rapid Transit services is also moving forward.

## Public Hearings

Wednesday, November 14  
Hunter High School  
West Valley City: 4 - 8 p.m.

Thursday, November 15  
Willow Creek Middle School  
Lehi: 4 - 8 p.m.

Saturday, November 17  
Copper Hills High School  
West Jordan: 2 - 6 p.m.

CLICK. READ. COMMENT. >>

### Comment Period

Oct. 17 - Jan. 24, 2008

### Mail

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### E-mail

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### Internet

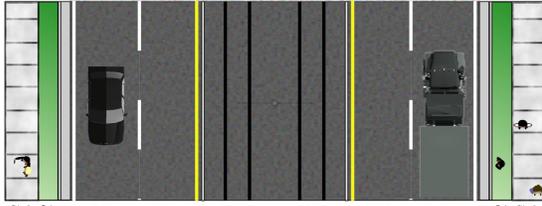
udot.utah.gov/mountainview

### Phone

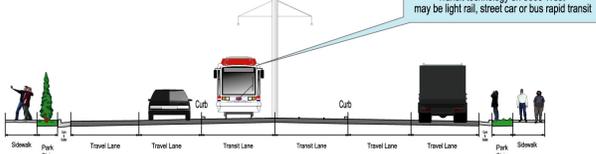
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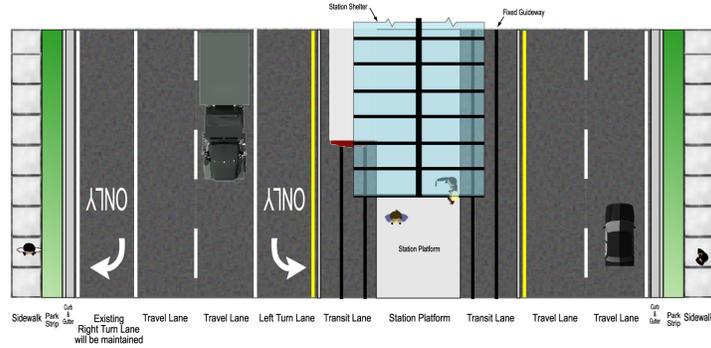
Typical Plan View - Non-Station Areas (Between Intersections)



Typical Cross Section - Non-Station Areas



Typical Plan View - Station Areas (At Intersections)



Typical Cross Section - Station Areas

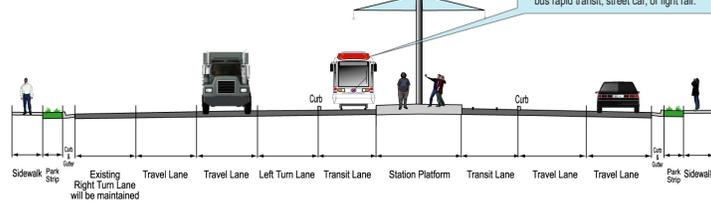
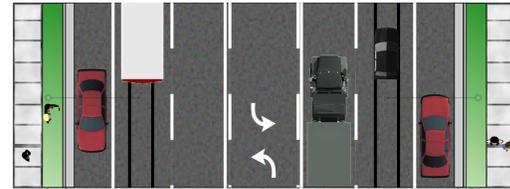


Figure 2-6.2

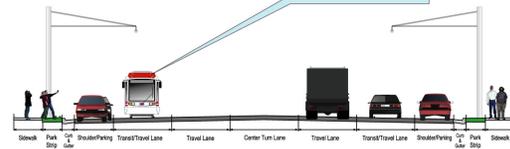
Transit Typical Sections -  
Dedicated Right-of-Way  
Transit Option

DRAFT - October 2007

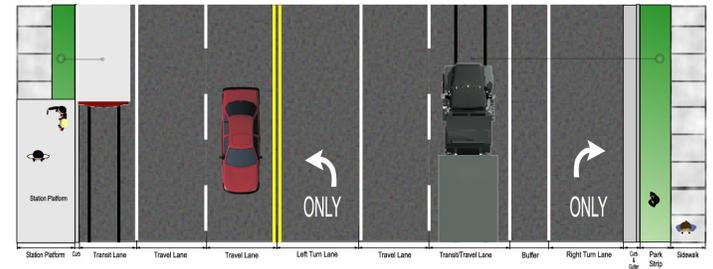
Typical Plan View - Non-Station Areas (Between Intersections)



Typical Cross Section - Non-Station Areas



Typical Plan View - Station Areas (At Intersections)



Typical Cross Section - Station Areas

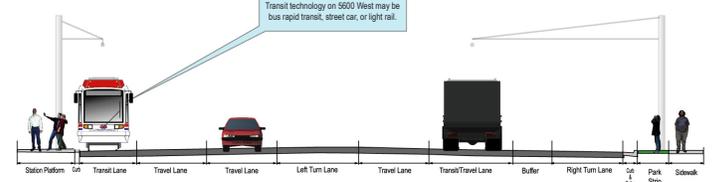


Figure 2-7.2

Transit Typical Sections -  
Mixed-Traffic Transit  
Option

DRAFT - October 2007

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CLICK. READ. COMMENT. >>>

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